

C<sup>1</sup> a mechanism for moving said first unit toward said second unit to form said flow passageways; and

mold pins for defining said mold cavities, said mold pins being located in said first mold unit.

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C<sup>2</sup> 5. (Amended) A mold apparatus for producing molded optical elements, said apparatus comprising:

a first mold unit for defining mold cavities and flow passageways; and

a second mold unit having an integrated mold surface for sealing against said first unit, said integrated mold surface containing a plurality of patterns for molding optical patterns in the optical elements; and

wherein said first mold unit is removable, and wherein said apparatus is arranged to receive other first mold units to produce products of different sizes and shapes.

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Cancel claim 6, without prejudice.

Rewrite claim 7 in independent form as follows:

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C<sup>3</sup> 7. (Amended) A mold apparatus for producing molded optical elements, said apparatus comprising:

a first mold unit for defining a plurality of mold cavities and flow passageways;

a second mold unit having a mold surface for sealing against said first unit, said mold surface containing a corresponding plurality of patterns for molding optical patterns in the optical elements, said optical patterns being located on a single flat metal puck covering the plurality of mold cavities and said flow passageways; and

means for removing said metal puck, such that other pucks may be installed in said apparatus to produce products having different optical characteristics.

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Cancel claims 10 and 11, without prejudice.

Rewrite claims 12, 15 and 16 in independent form as follows:

12. (Amended) A method for making molded optical elements, said method comprising the steps of:

providing a single metal puck with a plurality of optical patterns;

locating said single metal puck against a mold surface to seal a plurality of mold cavities and flow passageways formed upon said mold surface; and

subsequently, molding optical elements within said mold cavities such that said optical patterns of said single metal puck are formed in said optical elements; and

moving said mold surface toward said metal puck to form said flow passageways;

and

using mold pins to define the thicknesses of said mold cavities.

15. (Amended) A method for making molded optical elements, said method comprising the steps of:

providing a single metal puck with a plurality of optical patterns;

locating said single metal puck against a mold surface to seal a plurality of mold cavities and flow passageways formed upon said mold surface; and

subsequently, molding optical elements within said mold cavities such that said optical patterns of said single metal puck are formed in said optical elements; and

separating said mold surface from said metal puck, and locating another mold surface against said metal puck to form different size mold cavities.

16. (Amended) A method for making molded optical elements, said method comprising the steps of:

providing a single metal puck with a plurality of optical patterns;

locating said single metal puck against a mold surface to seal a plurality of mold cavities and flow passageways formed upon said mold surface; and

subsequently, molding optical elements within said mold cavities such that said optical patterns of said single metal puck are formed in said optical elements; and

CS separating said puck from said mold surface, and providing another metal puck having patterns formed therein to form optical elements having different optical characteristics.

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